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Attorney's Docket No.: 11696-070002

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Ricardo Azpiroz et al.                      Art Unit : 1638  
Serial No. : 10/804,772                                      Examiner : Ashwin Mehta  
Filed : March 18, 2004                                      Conf. No. : 8113  
Title : DWF4 POLYNUCLEOTIDES, POLYPEPTIDES AND USES THEREOF

**MAIL STOP AMENDMENT**

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INFORMATION DISCLOSURE STATEMENT

Applicants request consideration of the references listed on the attached PTO-1449 form. Under 37 C.F.R. § 1.98 (a)(2)(ii), only copies of foreign patent documents and/or non-patent literature are enclosed. Copies of any listed U.S. patents or U.S. patent application publications can be provided upon request.

This statement is being filed after a first Office action on the merits, but before receipt of a final Office action or a Notice of Allowance. A check for \$180 in payment of the late submission fee of §1.17(p) is enclosed. Please apply any other charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: Feb 2, 2007

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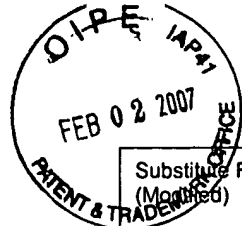
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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 11696-070002	Application No. 10/804,772
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))		Applicant Ricardo Azpiroz et al.	
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U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	5,538,880	07/23/96	Lundquist et al.			
	AB	5,204,253	04/20/93	Sanford et al.			
	AC	5,591,616	01/07/97	Hiei et al.			
	AD	5,952,545	09/14/99	Koncz et al.			
	AE	6,329,571	12/11/01	Hiei			
	AF	6,545,200	04/08/03	Cahoon et al.			
	AG	6,987,025	01/17/06	Azpiroz et al.			
	AH	10/957,569	11/03/05	Zhihong et al.			
	AI	60/505,689	09/23/03	Zhihong et al.			
	AJ	60/544,771	02/13/04	Zhihong et al.			
	AK	60/558,869	04/01/04	Zhihong et al.			
	AL	60/583,691	06/30/04	Alexandrov et al.			
	AM	60/637,140	12/16/04	Feldmann et al.			
	AN	60/518,075	11/06/03	Pennell et al.			

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AO	WO 97/35986	10/02/97	WIPO				
	AP	WO 99/32619	07/01/99	WIPO				
	AQ	WO 99/53050	10/21/99	WIPO				
	AR	WO 00/47715	08/17/00	WIPO				
	AS	WO 01/75164	10/11/01	WIPO				
	AT	WO 02/46449	06/13/02	WIPO				

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AU	GenBank Accession No. AF044216, Dated June 25, 2001
	AV	GenBank Accession No. AL049659, Dated November 14, 2006
Examiner Signature		Date Considered
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	AW	GenBank Accession No. D64003, Dated July 4, 2001
	AX	GenBank Accession No. M13785, Dated April 27, 1993
	AY	GenBank Accession No. P48418, Dated November 28, 2006
	AZ	GenBank Accession No. P48421, Dated January 23, 2007
	AAA	GenBank Accession No. U32579, Dated September 15, 1995
	ABB	GenBank Accession No. U54770, Dated October 18, 1996
	ACC	GenBank Accession No. U68234, Dated November 22, 1996
	ADD	GenBank Accession No. X70981, Dated January 18, 1994
	AEE	GenBank Accession No. X71658, Dated April 18, 2005
	AFF	GenBank Accession No. X87368, Dated November 14, 2006
	AGG	GenBank Accession No.: AC104473, dated October 30, 2002
	AHH	Adams et al. "Parent-of-origin effects on seed development in <i>Arabidopsis thaliana</i> require DNA methylation" <u>Development</u> , 2000, 127:2493-2502
	AII	Armaleo et al., "Biolistic nuclear transformation of <i>Saccharomyces cerevisiae</i> and other fungi" <u>Current Genetics</u> , 1990 17:97-103
	AJJ	Asami et al. "Selective interaction of triazole derivative with DWF4, a cytochrome P450 monooxygenase of the brassinosteroid biosynthetic pathway, correlates with brassinosteroid deficiency in <i>plant</i> " <u>The Journal of Biological Chemistry</u> , July 13, 2001, 276(26):25687-25691
	AKK	Bateman et al., "Pfam 3.1: 1313 multiple alignments and profile HMMs match the majority of proteins" <u>Nucl. Acids Res.</u> , 1999, 27:260-262
	ALL	Bishop and Koncz, "Brassinosteroids and Plant Steroid Hormone Signaling," <u>The Plant Cell</u> , 2002, pp.S97-S110
	AMM	Bonner et al. "Reduction in the rate of DNA reassociation by sequence divergence" <u>J. Mol. Biol.</u> , 1973, 81:123
	ANN	Busk, "Regulatory elements in vivo in the promoter of the abscisic acid responsive gene rab17 from maize" <u>Plant J.</u> , 1997, 11:1285-1295
	AOO	Dhaubhadel et al., "Brassinosteroid functions to protect the translational machinery and heat-shock protein synthesis following thermal stress," <u>The Plant Journal</u> , 2002, 29(6):681-691
	APP	Escudero et al., "T-DNA transfer in meristematic cells of maize provided with intracellular <i>Agrobacterium</i> " <u>The Plant Journal</u> , 1996, 10(2):355-360
	AQQ	Guatelli et al., "Isothermal, in vitro amplification of nucleic acids by a multienzyme reaction modeled after retroviral replication" <u>Proc. Natl. Acad. Sci. USA</u> , 1990, 87:1874-1878
	ARR	He et al., "BZR1 is a transcriptional repressor with dual roles in brassinosteroid homeostasis and growth responses," <u>Science</u> , 2005, 307:1634
	ASS	Herrea-Estrella et al., "Chimeric genes as dominant selectable markers in plant cells" <u>The EMBO Journal</u> , 1983, 2(6):987-995

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	ATT	Hong et al., "A rice brassinosteroid-deficient mutant, ebisu dwarf (d2), is caused by a loss of function of a new member of cytochrome P450," <u>Plant Cell</u> , 2003, 15:2900-2910
	AUU	Hwang and Goodman, "An Arabidopsis thaliana root-specific kinase homolog is induced by dehydration, ABA, and NaCl" <u>Plant J.</u> , 1995, 8:37
	AVV	Hyrup et al., "Peptide Nucleic Acids (PNA): Synthesis, Properties and Potential Applications" <u>Bioorgan. Med. Chem.</u> , 1996, 4(1):5
	AWW	Ishida et al., "High efficiency transformation of maize ( <i>Zea mays L.</i> ) mediated by <i>Agrobacterium tumefaciens</i> " <u>Nature Biotechnology</u> , 1996, 14:745-750
	AXX	Kankel et al., "Arabidopsis MET1 Cytosine Methyltransferase Mutants," <u>Genetics</u> , 2003, 163:1109
	AYY	Lewis, <u>Genetic Engineering News</u> , 1992, 12:1
	AZZ	May et al., "Generation of Transgenic Banana ( <i>Musa acuminata</i> ) Plants via <i>Agrobacterium</i> -Mediated Transformation" <u>Biotechnology</u> , 1995, 13:486-492
	AAAA	Paquette, et al., "Intron-Exon Organization and Phylogeny in a Large Superfamily, the Paralogous Cytochrome P450 Genes of <i>Arabidopsis thaliana</i> ", <u>DNA and Cell Biology</u> , November 5, 2000, 19:307-317
	ABBB	Ronemus et al., "Demethylation-Induced Developmental Pleiotropy in Arabidopsis," <u>Science</u> , 1996, 273:654-656
	ACCC	Salomon et al., "Genetic identification of functions of TR-DNA transcripts in octopine crown galls" <u>The EMBO Journal</u> , 1984, 3(1):141-146
	ADDD	Schuler et al., "Functional Genomics of P450s" <u>Annu. Rev. Plant. Biol.</u> , 2003, 54:629-667
	AEEE	Sonnhammer et al., "Pfam: multiple sequence alignments and HMM-profiles of protein domains" <u>Nucl. Acids Res.</u> , 1998, 26: 320-322
	AFFF	Sonnhammer et al., "Pfam: A Comprehensive Database of Protein Domain Families Based on Seed Alignments" <u>Proteins</u> , 1997, 28:405-420
	AGGG	Summerton and Weller, "Morpholino Antisense Oligomer: Design, Preparation, and Properties" <u>Antisense Nucleic Acid Drug Dev.</u> , 1997, 7(3):187-195
	AHHH	Tanabe et al., "A novel cytochrome P450 is implicated in brassinosteroid biosynthesis via the characterization of a rice dwarf mutant, dwarf11, with reduced seed length," <u>Plant Cell</u> , 2005, 17:776-790
	AIII	Vinkenoog et al., "Hypomethylation Promotes Autonomous Endosperm Development and Rescues Postfertilization Lethality in <i>ma</i> Mutants," <u>The Plant Cell</u> , 2000, 12:2271-2282
	AJJJ	Weiss, "Hot Prospect for New Gene Amplifier," <u>Science</u> , 1991, 254:1292-1293

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